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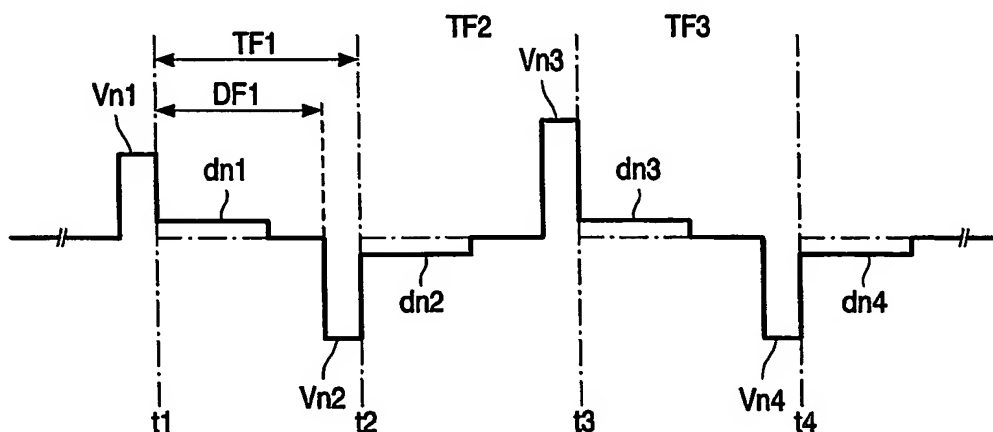
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(54) Title: AN ELECTROPHORETIC DISPLAY



(57) Abstract: The display device comprises a driver (10, 16) which supplies drive pulses to the pixels (18) to bring the pixels (18) in a predetermined optical state corresponding to image information to be displayed. A controller (15) controls the driver (10, 16) to successively supply a drive pulse (Vni) and a correction pulse (dni). The drive pulse (Vni) has a voltage level that is sufficiently high to bring the electrophoretic particles (8, 9) into a continuously moving state as long as the drive pulse (Vni) is present. Due to the history of the drive of the pixel (18) the desired optical state will usually be reached approximately only. The correction pulse (dni) has a voltage level which is too low for bringing the electrophoretic particles (8, 9) into a continuously moving state, as the drive pulse (Vni) does, but high enough for moving the electrophoretic particles (8, 9) over a relatively small distance with respect to dimensions of the pixels (18). Thus, the correction pulse (dni) causes a relatively small movement of the electrophoretic particles (8, 9) towards an equilibrium state.

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